

APPENDIX I: DRAFT AMENDED CLAIMS

Please amend the claims as follows:

1. A method for screening a compound that inhibits or enhances activity of an acetyltransferase to catalyze a reaction that transfers an acetyl group from one substrate to another, the method comprising:
 - (a) contacting the acetyltransferase with a peptide substrate in a the presence of a test compound,
 - (b) detecting an amount of an acetylated peptide substrate using an anti-acetylated peptide antibody, wherein an effective amount of the anti-acetylated peptide antibody recognizes with specificity only an acetylated form of the peptide substrate and does not recognize the peptide substrate in its unacetylated form, ~~provided that the antibody concentration is 0.01 ug/ml or greater,~~
 - (c) comparing the amount of the acetylated peptide substrate detected in step (b) with a control amount defined as an amount of an acetylated peptide substrate detected in an absence of the test compound, and
 - (d) selecting the compound associated with an increase or decrease in the amount of acetylated peptide substrate as compared to the control amount.